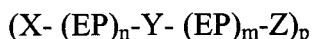


In the Claims

1.-30. (Cancelled)

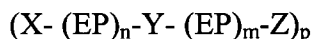
31. (Currently Amended) A polypeptide binding to a target comprising an EP motif having the following sequence:



wherein X, Y and Z, may be identical or different and comprise a sequence of 0 to 10 amino acids, identical or different, n, m are integers between 0 to 20 with at least one from n or m being different from 0, and p is an integer between 1 and 10,

said polypeptide comprising the amino acid sequence of LAP identified by SEQ ID NO: 1, or a peptide that shares at least 50% identity with a fragment thereof ~~that is at least 50% identical to~~ of the amino acid sequence of SEQ ID NO: 1, wherein the LAP identified by SEQ ID NO: 1 or the ~~fragment thereof~~ peptide binds the EP motif.

32. (Currently Amended) A polypeptide binding to a target comprising an EP motif having the following sequence:



wherein X, Y and Z, may be identical or different and comprise a sequence of 0 to 10 amino acids, identical or different, n, m are integers between 0 to 20 with at least one from n or m being different from 0, and p is an integer between 1 and 10,

said polypeptide comprising the carboxy-terminal amino acid sequence of LAP identified by SEQ ID NO: 2, or a peptide that shares at least 50% identity with a fragment thereof ~~that is at least 50% identical to~~ of the amino acid sequence of SEQ ID NO: 2, wherein the LAP identified by SEQ ID NO: 2 or the ~~fragment thereof~~ peptide binds the EP motif.

33. (Previously Presented) The polypeptide according to Claim 31, which binds to an EP motif selected from the group consisting of EPEPEPEPEPEPEPEPEP (SEQ ID NO: 3), EPEPEPQLEPEP (SEQ ID NO: 4), EPQDEPPEPQLELQVEPEPELEQ (SEQ ID NO: 5), or EPEPEPEPEPEPEP (SEQ ID NO: 6).

34. (Previously Presented) The polypeptide according to Claim 32, which binds to an EP motif selected from the group consisting of EPEPEPEPEPEPEPEPEP (SEQ ID NO: 3), EPEPEPQLEPEP (SEQ ID NO: 4), EPQDEPPEPQLELQVEPEPELEQ (SEQ ID NO: 5), or EPEPEPEPEPEP (SEQ ID NO: 6).

35. (Previously Presented) The polypeptide according to Claim 31, which binds to an amino acid sequence comprising at least 5 EP motifs over a 19 amino acid segment.

36. (Previously Presented) The polypeptide according to Claim 32, which binds to an amino acid sequence comprising at least 5 EP motifs over a 19 amino acid segment.

37. (Currently Amended) The polypeptide according to Claim ~~[[1]]~~ 31 wherein the ~~fragment~~ peptide is 100% identical to a portion of the amino acid sequence of SEQ ID NO: 1.

38. (Currently Amended) The polypeptide according to Claim ~~[[2]]~~ 32 wherein the ~~fragment~~ peptide is 100% identical to a portion of the amino acid sequence of SEQ ID NO: 2.